

**DECLARATION AND POWER OF ATTORNEY FOR
UTILITY OR DESIGN PATENT APPLICATION**
(37 CFR 1.63)

- ☐ Declaration Submitted with Initial Filing.
☒ Declaration Submitted after Initial Filing
(surcharge (37 CFR 1.16(e)) required).

Attorney Docket No.: 137722-US
First Named Inventor: Gerard Damm
COMPLETE IF KNOWN
Application Number: 10/648,791
Filing Date: August 27, 2003
Group Art Unit:
Examiner Name:

JAN 06 2004

U.S. TRADEMARK OFFICE

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

DATA STRUCTURE FOR RANGE-SPECIFIED ALGORITHMS

the specification of which

- ☐ is attached hereto.
☒ was filed on August 27, 2003 as United States Application Serial No. 10/648,791 or PCT International Application No. _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Country	Application Number	Date Filed	Priority Claimed Under 35 U.S.C. §119
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

Provisional Application

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

Application Serial Number	Filing Date

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Application Serial Number	Filing Date	Status - Patented/Pending/Abandoned

POWER OF ATTORNEY

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

John Granchelli
Greg Benoit

Registration No. 39,512
Registration No. 48,067

Address all correspondence to: John Granchelli
Alcatel Canada Inc.
600 March Road
Ottawa, ON K2K 2E6
CANADA

Direct telephone calls to: John Granchelli Phone (613) 784-6523 Fax (613) 784-8923

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: **Gerard Damm**

Sole or first inventor's signature:  Date: 11 Dec 2003
Residence: City Ottawa State Ontario, Canada Citizenship: France
Mailing Address: 465 Richmond Road, Apt. 2101, Ottawa, Ontario, K2A 1Z1, Canada


Full name of second inventor, if any: **Bashar Bou-Diab**

Second inventor's signature:  Date: 15 Dec 2003
Residence: City Ottawa State Ontario, Canada Citizenship: Canada
Mailing Address: 87 Fifth Avenue, Ottawa, Ontario, K1S 2M3, Canada

Full name of third inventor, if any: **Yuke Wang**

Third inventor's signature: _____ Date: _____
Residence: City Plano State Texas, USA Citizenship: Canada
Mailing Address: 3500 East Park Blvd, Apt. 401, Plano, Texas, 75074, USA

Full name of fourth inventor, if any: **Yun Zhang**

Fourth inventor's signature:  Date: Dec. 8, 2003
Residence: City Richardson State Texas, USA Citizenship: China
Mailing Address: 800 W. Renner Road, Apt. 1816, Richardson, Texas, 75080, USA

Full name of fifth inventor, if any: **Yiyan Tang**


Fifth inventor's signature:  Date: Dec. 8, 2003
Residence: City Richardson State Texas, USA Citizenship: China
Mailing Address: 2200 Waterview Pkwy, Apt. 1937, Richardson, Texas, 75080, USA

Full name of sixth inventor, if any: **Anand Krishnamurthy**

Sixth inventor's signature: _____ Date: _____
Residence: City Richardson State Texas, USA Citizenship: India
Mailing Address: 2600 Waterview Pkwy, Apt. 721, Richardson, Texas, 75080, USA

Full name of seventh inventor, if any: **Lie Qian**

Seventh inventor's signature: _____



Date: _____

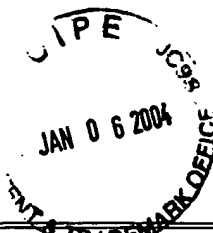
Dec. 8, 2003

Residence: City **Richards n**

State **Texas, USA**

Citizenship: **China**

Mailing Address: **2700 Waterview Pkwy, Apt. 4523, Richardson, Texas, 75080, USA**



DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input type="checkbox"/> Declaration Submitted with Initial Filing. <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required).	Attorney Docket No.: 137722-US First Named Inventor: Gerard Damm COMPLETE IF KNOWN Application Number: 10/648,791 Filing Date: August 27, 2003 Group Art Unit: Examiner Name:
--	--

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

DATA STRUCTURE FOR RANGE-SPECIFIED ALGORITHMS

the specification of which

☐ is attached hereto.

☒ was filed on August 27, 2003 as United States Application Serial No. 10/648,791 or PCT International Application No. _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Country	Application Number	Date Filed	Priority Claimed Under 35 U.S.C. §119
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

Provisional Application

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

Application Serial Number	Filing Date

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Application Serial Number	Filing Date	Status - Patented/Pending/Abandoned

POWER OF ATTORNEY

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

John Granchelli

Registration No. 39,512

Greg Benoit

Registration No. 48,067

Address all correspondence to:

John Granchelli
Alcatel Canada Inc.
600 March Road
Ottawa, ON K2K 2E6
CANADA

Direct telephone calls to:

John Granchelli

Phone (613) 784-6523

Fax (613) 784-8923

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: **Gerard Damm**

Sole or first inventor's signature: _____

Date: _____

Residence: City Ottawa

State Ontario, Canada

Citizenship: France

Mailing Address: 465 Richmond Road, Apt. 2101, Ottawa, Ontario, K2A 1Z1, Canada

Full name of second inventor, if any: **Bashar Bou-Diab**

Second inventor's signature: _____

Date: _____

Residence: City Ottawa

State Ontario, Canada

Citizenship: Canada

Mailing Address: 87 Fifth Avenue, Ottawa, Ontario, K1S 2M3, Canada

Full name of third inventor, if any: **Yuke Wang**

Third inventor's signature: _____

Date: _____

Residence: City Plano

State Texas, USA

Citizenship: Canada

Mailing Address: 3500 East Park Blvd, Apt. 401, Plano, Texas, 75074, USA

Full name of fourth inventor, if any: **Yun Zhang**

Fourth inventor's signature: _____

Date: _____

Residence: City Richardson

State Texas, USA

Citizenship: China

Mailing Address: 800 W. Renner Road, Apt. 1816, Richardson, Texas, 75080, USA

Full name of fifth inventor, if any: **Yiyan Tang**

Fifth inventor's signature: _____

Date: _____

Residence: City Richardson

State Texas, USA

Citizenship: China

Mailing Address: 2200 Waterview Pkwy, Apt. 1937, Richardson, Texas, 75080, USA

Full name of sixth inventor, if any: **Anand Krishnamurthy**

Sixth inventor's signature: Anand K

Date: December 15, 2003

Residence: City Richardson

State Texas, USA

Citizenship: India

Mailing Address: 2600 Waterview Pkwy, Apt. 721, Richardson, Texas, 75080, USA

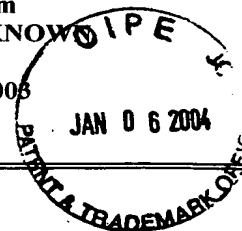
Full name of seventh inventor, if any: **Lie Qian**

Seventh inventor's signature: _____ Date: _____

Residence: City **Richardson** State **Texas, USA** Citizenship: **China**

Mailing Address: **2700 Waterview Pkwy, Apt. 4523, Richardson, Texas, 75080, USA**

DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input type="checkbox"/> Declaration Submitted with Initial Filing. <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required).	Attorney Docket No.: 137722-US First Named Inventor: Gerard Damm COMPLETE IF KNOWN Application Number: 10/648,791 Filing Date: August 27, 2003 Group Art Unit: Examiner Name:
--	--



As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

DATA STRUCTURE FOR RANGE-SPECIFIED ALGORITHMS

the specification of which

- ☐ is attached hereto.
☒ was filed on August 27, 2003 as United States Application Serial No. 10/648,791 or PCT International Application No. _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Country	Application Number	Date Filed	Priority Claimed Under 35 U.S.C. §119
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

Provisional Application

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

Application Serial Number	Filing Date

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Application Serial Number	Filing Date	Status - Patented/Pending/Abandoned

POWER OF ATTORNEY

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: John Granchelli Registration No. 39,512
Greg Benoit Registration No. 48,067

Address all correspondence to: John Granchelli
Alcatel Canada Inc.
600 March Road
Ottawa, ON K2K 2E6
CANADA

Direct telephone calls to: John Granchelli Phone (613) 784-6523 Fax (613) 784-8923

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.


Full name of sole or first inventor: **Gerard Damm**

Sole or first inventor's signature: _____ Date: _____
Residence: City Ottawa State Ontario, Canada Citizenship: France
Mailing Address: 465 Richmond Road, Apt. 2101, Ottawa, Ontario, K2A 1Z1, Canada

Full name of second inventor, if any: **Bashar Bou-Diab**

Second inventor's signature: _____ Date: _____
Residence: City Ottawa State Ontario, Canada Citizenship: Canada
Mailing Address: 87 Fifth Avenue, Ottawa, Ontario, K1S 2M3, Canada

Full name of third inventor, if any: **Yuke Wang**

Third inventor's signature:  _____ Date: Dec. 8th 2003
Residence: City Plano State Texas, USA Citizenship: Canada
Mailing Address: 3500 East Park Blvd, Apt. 401, Plano, Texas, 75074, USA

Full name of fourth inventor, if any: **Yun Zhang**

Fourth inventor's signature: _____ Date: _____
Residence: City Richardson State Texas, USA Citizenship: China
Mailing Address: 800 W. Renner Road, Apt. 1816, Richardson, Texas, 75080, USA

Full name of fifth inventor, if any: **Yiyan Tang**

Fifth inventor's signature: _____ Date: _____
Residence: City Richardson State Texas, USA Citizenship: China
Mailing Address: 2200 Waterview Pkwy, Apt. 1937, Richardson, Texas, 75080, USA

Full name of sixth inventor, if any: **Anand Krishnamurthy**

Sixth inventor's signature: _____ Date: _____
Residence: City Richardson State Texas, USA Citizenship: India
Mailing Address: 2600 Waterview Pkwy, Apt. 721, Richardson, Texas, 75080, USA

Full name of seventh inventor, if any: **Lie Qian**

Seventh inventor's signature: _____ Date: _____

Residence: City **Richardson** State **Texas, USA** Citizenship: **China**

Mailing Address: **2700 Waterview Pkwy, Apt. 4523, Richardson, Texas, 75080, USA**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re. Application of: Gerard Damm et al
Serial No.: 10/648,791
Filed: August 27, 2003
Title: DATA STRUCTURE FOR RANGE-SPECIFIED ALGORITHMS

Atty. Docket No.: 137722-US

The Commissioner of Patents and Trademarks
Washington, D.C. 20231
U.S.A.

ASSOCIATE POWER OF ATTORNEY

Dear Sir:

The undersigned, John Granchelli (Reg. No. 39,512), is an agent of record for the captioned U.S. Patent Application under a Power of Attorney filed with the U.S. Patent Office contemporaneously herewith.

Pursuant to 37 CFR Section 1.34(b), the undersigned hereby appoints the following registered practitioner as associate agent of record:

Jim Zegeer, Esq.
Registration No. 18,957

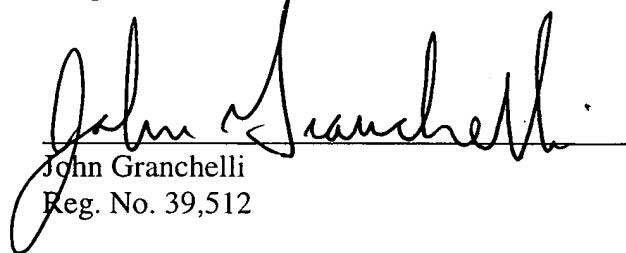
to prosecute said application and to transact all business in the U.S. Patent and Trademark Office connected therewith. The appointment of the above practitioners does not affect, and is not intended to affect, the status of any other practitioner who has been appointed previously as agent of record for this matter.

Please direct any and all correspondence and telephone calls to:

Jim Zegeer, Esq.
Law Office of Jim Zegeer
801 North Pitt Street, #108
Alexandria, VA 22314
Telephone: 703-684-8333
Facsimile: 703-549-8411

DEC 17/03
Date

Respectfully submitted,


John Granchelli
Reg. No. 39,512

Alcatel Canada Inc.
600 March Road
Ottawa, ON K2K 2E6
CANADA
Telephone: 613-784-6523
Facsimile: 613-784-8923